

Section/Rate Control Kit Installation Guide

Kit P/N 911-0001-000, 911-0002-000, 911-0003-000

Fits Raven and TeeJet Rate/ Section Controllers:

Raven	TeeJet
440/450/460	854/844E
4400/4600	



Read and Follow Safety Messages

- In these instructions, you may see the heading **WARNING** and the safety alert symbol . They indicate a hazardous situation that, if not avoided, could result in death or serious injury. The safety messages provide information to identify a hazard associated with potential injury.
- Before installing, operating, or performing maintenance or service on any part of the system, read and understand this installation guide.
- Do not allow anyone to operate without instruction.
- Keep these instructions and all related safety information with the manuals for your machine and other implements.

If you have questions or need assistance, contact your local dealer or distributor.

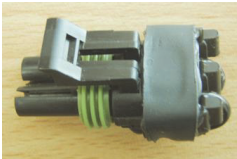
Overview

A series of equipment-specific kits has been developed to enable the AC110 section/rate controller to interface with your Outback terminal. This kit contains the components and instructions to connect an AC110 with the sprayer models listed above.

Please read this manual thoroughly before beginning the installation.

Kit Contents

Unpack this kit and identify the required parts as shown. Kit items are referenced A, B, C etc. and those references are used in the installation steps and pictures. For parts A1, A2, and A3 you will only receive the adapter cable for your kit.

REF	PART NUMBER	QTY	DESCRIPTION	PHOTOGRAPH
A1	054-0131-000	1	Adapter cable (Raven 16-pin) (Connect existing console harness to AC110)	
A2	054-0134-000	1	Adapter cable (Raven 37-pin) (Connect existing console harness to AC110)	
A3	054-0133-000	1	Adapter cable (TeeJet) (Connect existing console harness to AC110)	
B	750-5006-000#	1	Section/rate controller (AC110)	
C	051-0067-005#	1	Input/output splitter ('Y') cable	
D	054-0135-000#	1	Power switch cable	
E	051-0288-000#	1	CAN loop back connector (terminator)	

Connections and Installation

NOTE:

The text and figures in this section detail the connections that you will need to make. Exactly when you make the connections depends on individual installations and your working preferences. See “Appendix - AC110 Cables and Connections”, page 4.

When referring to part A1, A2, or A3 in the following instructions the generic part A is used.

1. Connect adapter cable to AC110.

Install the loop back connector (terminator) E in the appropriate connector on adapter cable A then connect A (main plug and power connectors) to AC110 B (red to + positive, black to - negative). Firmly tighten the nuts for the power wires using a 7/16" wrench (Figure 1).

NOTE:

The AC110 is powered through the existing Raven or TeeJet controller harness.

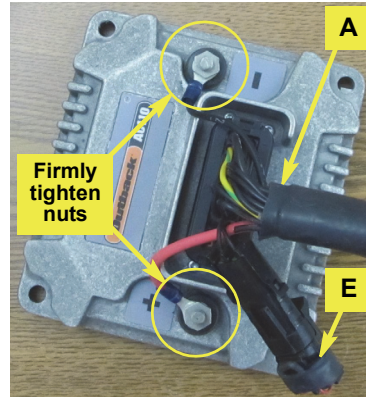


Figure 1: Connection at AC110

2. Disconnect console cable.

Disconnect the console cable from the back of the existing rate controller (Figure 2).



Figure 2: Existing rate controller console cable disconnected

3. Connect adapter cable to console cable.

Connect the adapter cable A to the existing console cable you disconnected in the previous step (Figure 3).

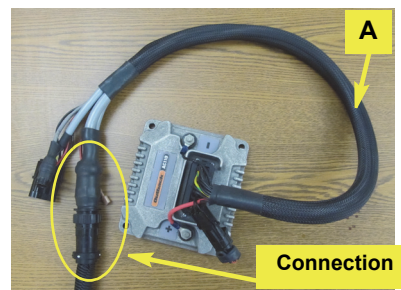


Figure 3: Adapter cable connected to console cable

4. Tie into the existing CAN connection.

Using the splitter ('Y') cable C tie into the existing 7-pin CAN connector on your terminal connector (labeled “Rate Control” for MAX/STX or “EDRIVE” for S3) and the 7-pin CAN connector on the AC110 adapter cable. For example, connect C between the 7-pin CAN connector labeled “Rate Control” on the Outback MAX cable (with the white main connector) and the 7-pin CAN connector on adapter cable A (Figure 4).

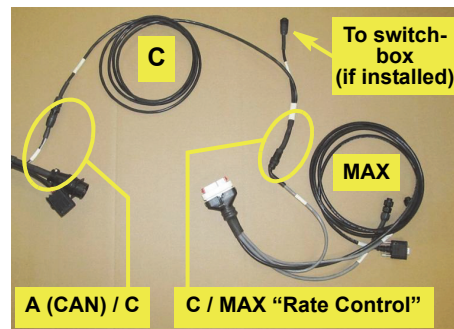


Figure 4: Splitter cable connections

5. **Connect the power switch cable.**

Connect power switch cable **D** to the 4-pin connector on adapter cable **A** (Figure 5).

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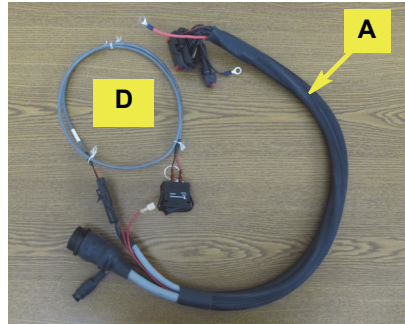


Figure 5: Connecting the power switch cable

Appendix - AC110 Cables and Connections

